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Status of splices in 6 kA circuits

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This paper gives a progress report on the work done and on-going in the frame of the task force on the LHC splices consolidation.

First, an inventory of the superconducting 6 kA splices all around the LHC machine is given. Then one circuit is presented in detail (Q7L2).

The method and results of superconducting splices resistance measurement are given.

The so-called hand praying splices are detailed: electrical and mechanical specifications, procedure used and tests performed on samples. Preliminary information is given on a possible reinforcement of these splices.

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